CLAIMS

What is claimed is:

<u> </u>	, 1	1. A fusing system for fusing toner to a recording medium, comprising:
ch.	2	a fuser roller;
N. KI	3	a pressure roller in contact with the fuser roller; and
	4	an external heating toller in contact with one of the fuser and the pressure rollers.
	1	2. The system of claim 1, wherein the fuser roller comprises a hollow tube
	2	and an internal heating element.
	1	3. The system of claim 1, wherein the pressure roller comprises a hollow tube
	2	and an internal heating element.
	1	4. The system of claim 1, wherein the fuser roller comprises an outer layer
	2	composed of an elastomeric material.
	1	5. The system of claim 1, wherein the pressure roller comprises an outer
	2	layer composed of an elastomeric material.

The system of claim 1, wherein the external heating roller contacts the 6. 1 fuser roller. 2 The system of claim 1, wherein the external heating roller comprises a l 7. hollow tube and an internal heating element. 2 The system of claim 7, wherein the internal heating element comprises a 8. tungsten filament halogen lamp. 2 The system of claim 1, further comprising a second external heating roller. 9. l The system of claim 9, wherein the second external heating roller is in 10. 1 contact with the pressure roller. 2

- A fusing spetem for fusing toner to a recording medium, comprising: 1 11. a hollow fuser roller having an internal heating element and an outer layer 2 composed of an elastomeric material; 3 a pressure roller in contact with the fuser roller and having an outer layer 4 composed of an elastomeric material; and 5 a hollow external heating foller having an internal heating element, the external 6 heating roller being in contact with the fuser roller. 7 The system of claim 11, wherein the pressure roller comprises a hollow 12. l tube and an internal heating element. 2 The system of claim 11, wherein the internal heating elements comprise
 - The system of claim 11, further comprising a second external heating ļ 14.
 - roller, the second external heating roller being in contact with the pressure roller. 2

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tungsten filament halogen lamps.

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- 1 15. A fusing system for fusing toner to a recording medium, comprising:
 2 a fuser roller having an outer surface;
 3 a pressure roller incontact with the fuser roller; and
 4 external heating means positioned outside of the fuser roller that is adapted to heat
 5 the outer surface of the fuser foller.
 - 1 16. The system of claim 15, wherein the external heating means comprise an
 - 2 external heating roller in contact with the fuser roller.

A device in which toner is fused to a recording medium, comprising: 17. 1 means for attracting toner to a surface of the recording medium; and 2 a fusing system including a hollow fuser roller having an internal heating element 3 and an outer layer composed of an elastomeric material, a pressure roller in contact with .4 the fuser roller and having an outer layer composed of an elastomeric material, and a 5 hollow external heating roller having an internal heating element, the external heating 6 roller being in contact with the fuser roller. 7 The device of claim 17, wherein the pressure roller comprises a hollow 18. i 2 tube and an internal heating element. The device of claim 17, wherein the internal heating elements comprise 19. 1 tungsten filament halogen lamps. 2 The system of claim, 17, further comprising a second external heating 1 20.

roller, the second external heating roller being in contact with the pressure roller.

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- 1 21. A method for heating a fuser roller of a fusing system, comprising the
- 2 steps of:
- providing an external heating roller;
- 4 contacting an outer surface of the fuser roller with the external heating roller;
- 5 heating the external heating roller; and
- 6 rotating the external heating roller and the fuser roller such that heat is transferred
- 7 from the external heating roller to the fuser roller.